

Rabbit anti-Human MCD Polyclonal Antibody | anti-MCD antibody

MCD antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA306178	Rabbit	Human	Immunofluorescence, Immunohistochemistry, Western Blot

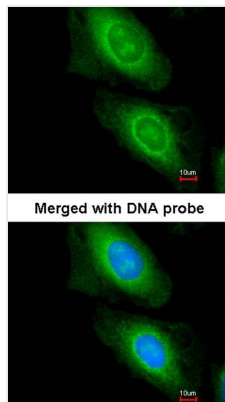
PRODUCT SYNONYMS

MCD; Polyclonal Antibody; MCD antibody; anti-MCD antibody

PRODUCT SPECIFICATIONS

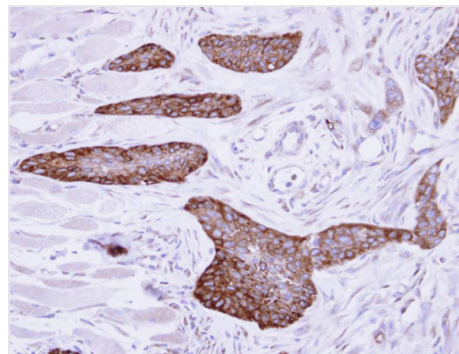
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Purified by antigen-affinity chromatography.
Form/Format	Supplied in 0.1M Tris-buffered saline with 10% Glycerol (pH7.0). 0.01% Thimerosal was added as a preservative.
Sequence Length	493
Applicable Applications for anti-MCD antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Recombinant protein
Immunogen Description	Recombinant protein fragment contain a sequence corresponding to a region within amino acids 90 and 274 of MCD
Target Name	MCD
Preparation and Storage	Store at -20 degree C for long term preservation (recommended). Store at 4 degree C for short term use.

IMAGES



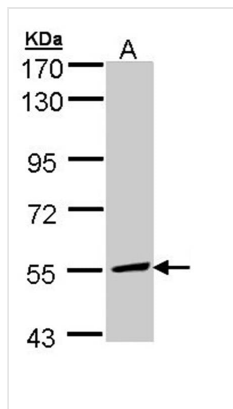
IF (Immunofluorescence)

Immunofluorescence analysis of paraformaldehyde-fixed HeLa, using MCD antibody at 1: 200 dilution.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded H661 xenograft, using MCD antibody at 1: 500 dilution.



Application Data

Sample (30 ug of whole cell lysate)A: Hep G2 7.5% SDS PAGEPrimary antibody diluted at 1:1000

ADDITIONAL INFORMATION

Related Product Information for anti-MCD antibody	The product of this gene catalyzes the breakdown of malonyl-CoA to acetyl-CoA and carbon dioxide. Malonyl-CoA is an intermediate in fatty acid biosynthesis, and also inhibits the transport of fatty acyl CoAs into mitochondria. Consequently, the encoded protein acts to increase the rate of fatty acid oxidation. It is found in mitochondria, peroxisomes, and the cytoplasm. Mutations in this gene result in malonyl-CoA decarboxylase deficiency. [provided by RefSeq]
Product Categories/Family for anti-MCD antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	110349750
NCBI GeneID	23417
NCBI Accession #	NP_036345
NCBI GenBank Nucleotide #	NM_012213.2
Molecular Weight	50,946 Da
NCBI Official Full Name	malonyl-CoA decarboxylase, mitochondrial
NCBI Official Synonym Full Names	malonyl-CoA decarboxylase
NCBI Official Symbol	MLYCD
NCBI Official Synonym Symbols	MCD
NCBI Protein Information	malonyl-CoA decarboxylase, mitochondrial
UniProt Protein Name	Malonyl-CoA decarboxylase, mitochondrial
UniProt Gene Name	MLYCD
UniProt Synonym Gene Names	MCD
UniProt Entry Name	DCMC_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.